

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Saphira Coating Low Odor Gloss
SUT1.HTW392520-45
Revision date : 16.07.2015
Print date : 22/08/2016

Version (Revision) : 1.0.25 (1.0.24)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

W3925-45 (Saphira Coating Low Odor Gloss
SUT1.HTW392520-45)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

Product Categories [PC]

PC9 - Coatings and paints, fillers, putties, thinners

Sector of uses [SU]

SU3A - Industrial uses

Uses advised against

Do not use for private purposes (household).

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Hi-Tech Coatings International BV
De Corantijn 12
1689 AP Zwaag
The Netherlands

Hi-Tech Coatings International Limited
Unit 7 Premus
Coldharbour Way
Brunel Park
Aylesbury
Bucks HP 19 8AP
United Kingdom

1.4 Emergency telephone number

E-Mail: info@hitechcoatings.net

Giftnotruf, Telefonische ärztliche Hilfe rund um die Uhr Telefon: Berlin +49 30 192 40 (24hrs) Bonn +49 228 192 40 (24hrs) Erfurt +49 361 730 730 (24hrs) Freiburg +49 761 192 40 (24hrs) Goettingen +49 551 192 40 (24hrs) Homburg (Saar) +49 6841 192 40 (24hrs) Mainz +49 6131 192 40 (24hrs) Munich +49 89 192 40 (24hrs)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2A ; Causes serious eye irritation.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Exclamation mark (GHS07)

Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

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P264 Wash thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P337+P313 If eye irritation persists: Get medical advice/attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other hazards

None

SECTION 3: Composition / information on ingredients

3.2 Mixtures

Hazardous ingredients

DOCUSATE SODIUM ; EC No. : 209-406-4; CAS No. : 577-11-7

Weight fraction : $\geq 1 - < 2.5 \%$

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Skin Irrit. 2 ; H315

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

Following inhalation

No special measures are necessary. In case of respiratory tract irritation, consult a physician.

In case of skin contact

Wash immediately with: Water Subsequently wash off with: Water and soap

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. No known symptoms to date.

Information to physician

Treatment

No known symptoms to date.

4.2 Most important symptoms and effects, both acute and delayed

No known symptoms to date.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Suitable extinguishing media ABC-powder Carbon dioxide (CO₂) Full water jet alcohol resistant foam

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for firefighters

Special protective equipment for firefighters

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Use suitable breathing apparatus. Protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment. See protective measures under point 7 and 8.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3 Methods and material for containment and cleaning up

For cleaning up

Use approved industrial vacuum cleaner for removal. Wipe up with absorbent material (eg. cloth, fleece). Suitable material for taking up: Sand Kieselguhr Universal binder Sawdust

Other information

Clear spills immediately.

6.4 Reference to other sections

Safe handling: see section 7 Disposal: see section 13 Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Not useable after freezing. Always close containers tightly after the removal of product. If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Measures to prevent fire

When using do not eat, drink, smoke, sniff.

Measures to prevent aerosol and dust generation

Vapours/aerosols must be exhausted directly at the point of origin.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed.

Hints on joint storage

Storage class : 12

Storage class (TRGS 510) : 12

7.3 Specific end use(s)

Recommendation

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls

Personal protection equipment



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Eye/face protection

Suitable eye protection

Eye glasses with side protection

Skin protection

Hand protection

Suitable gloves type : DIN EN 374

Suitable material : NBR (Nitrile rubber)

Breakthrough time (maximum wearing time) : 240 min.

Thickness of the glove material 0,4mm : Thickness of the glove material 0,4mm

Respiratory protection

Suitable respiratory protection apparatus

Usually no personal respirative protection necessary.

General health and safety measures

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes. Wash hands before breaks and after work. Immediately remove any contaminated clothing, shoes or stockings. Wash contaminated clothing prior to re-use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : white

Odour : characteristic

Safety relevant basis data

Melting point/melting range :		No data available	
Freezing point :	<	0	°C
Initial boiling point and boiling range :	(1013 hPa) >	100	°C
Decomposition temperature :		not applicable	
Flash point :		not applicable	
Ignition temperature :		not applicable	
Lower explosion limit :		not applicable	
Upper explosion limit :		not applicable	
Density :	(20 °C)	1 - 1.1	g/cm ³
Water solubility :	(20 °C)	100	Wt %
pH :		7.3 - 9	
Flow time :	(20 °C)	30 - 90	s DIN-cup 4 mm
Solid content :	ca.	34.8	Wt %
Odour threshold :		not determined	
Evaporation rate :		No data available	
Maximum VOC content (EC) :	<=	1.9	Wt %

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

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10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute effects

Acute oral toxicity

Parameter : LD50 (DOCUSATE SODIUM ; CAS No. : 577-11-7)
Exposure route : Oral
Species : Rat
Effective dose : 3000 mg/kg

Irritant and corrosive effects

Irritation to eyes

Assessment/classification slightly irritant Irritation to eyes

Sensitisation

In case of skin contact

In case of skin contact Practical experience/human evidence. slightly irritant

In case of inhalation

In case of inhalation not sensitising.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) algae toxicity

Parameter : ErC50 (DOCUSATE SODIUM ; CAS No. : 577-11-7)
Species : Algae
Effective dose : 82.5 mg/l
Parameter : EC50 (DOCUSATE SODIUM ; CAS No. : 577-11-7)
Species : Daphnia magna (Big water flea)
Effective dose : 6.6 mg/l

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

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12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Delivery to an approved waste disposal company.

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste codes/waste designations according to EWC/AVV List of proposed waste codes/waste designations in accordance with EWC

Waste treatment options

Appropriate disposal / Product

Dispose of waste according to applicable legislation.

13.2 Additional information

Additional information Dispose of waste according to applicable legislation.

SECTION 14: Transport information

14.1 UN number

No dangerous goods in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

14.4 Packing group

No dangerous goods in sense of this transport regulation.

14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

14.6 Special precautions for user

None

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Technische Anleitung Luft (TA-Luft)

Weight fraction (Number 5.2.5. I) : < 5 %

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

Other regulations, restrictions and prohibition regulations

Betriebssicherheitsverordnung (BetrSichV)

No flammable liquid according to BetrSichV.

15.2 Chemical Safety Assessment

No information available.

SECTION 16: Other information

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16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 03. Hazardous ingredients · 08. Occupational exposure limit values · 15. Technische Anleitung Luft (TA-Luft)

16.2 Abbreviations and acronyms

ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road
ASTM = American Society of Testing and Materials (US)
CAS No = Chemical Abstracts Service Number (see ACS - American Chemical Society)
DNEL = Derived No-Effect Level
DT50 = Time for 50% loss; half-life
EbC50 = Median effective concentration (biomass, e.g. of algae)
EC50 = Median effective concentration
EINECS = European Inventory of Existing Commercial Chemical Substances
ELINCS = European List of Notified (New) Chemicals (see Tab 7, Background - Guide)
ErC50 = Median effective concentration (growth rate, e.g. of algae)
EWC = European Waste Catalogue
IATA = International Air Transport Association
IC50 = Concentration that produces 50% inhibition
IMDG = International Maritime Dangerous Goods Code
IMO = International Maritime Organization
LC50 = Concentration required to kill 50% of test organisms
LD50 = Dose required to kill 50% of test organisms
LEL = Lower Explosive Limit/Lower Explosion Limit
LOAEL = Lowest observed adverse effect level
MRL = Maximum Residue Limit
NOAEL = No Observed Adverse Effect Level
NOEC = No observed effect concentration
NOEL = No Observable Effect Level
OEL = Occupational Exposure Limits
PBT = Persistent, Bioaccumulative or Toxic
PNEC = Previsible Non Effect Concentration
STEL = Short-Term Exposure Limit
TWA = Time-Weighted Average
vPvB = Very Persistent and Very Bioaccumulative

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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